

ABSTRACT OF THE DISCLOSURE

An upper die 7 that is fixed to a ram 4d of a press machine 1 includes a forming punch 9 for conducting drawing, forming and listing, upper die-side cutting edges 13a for conducting trimming, and flat-face piercing punches 11 for conducting flat-face piercing, to
5 respectively a work W in cooperation with a lower die 8. The lower die 8 is provided with a forming die 12 corresponding to the upper die 7, and a large piercing die 14, lower die-side cutting edges 8e and a flat-face piercing die 8a which are disposed at the forming die 12. A side-face working apparatus 17, including a rotating base 18 and a reciprocating base 19, is disposed at the side of the lower die 8 to conduct side-face press working to a
10 side-face portion 3g of the work W jointly with the lower die 8.